

AUTOMATIC TRANSMISSION**Patent number:** JP2000234664**Publication date:** 2000-08-29**Inventor:** OKUBO MASAHIRO**Applicant:** EXEDY CORP**Classification:**- **international:** F16H47/08- **european:****Application number:** JP19990079605 19990324**Priority number(s):** JP19990079605 19990324; JP19980358681 19981217**BEST AVAILABLE COPY****Abstract of JP2000234664**

PROBLEM TO BE SOLVED: To realize a multistage of a shift while reducing the number of using clutches, and to simplify a structure by providing first to third planetary gear trains, and interposing two clutch devices between a torque converter and a specific constitutive element of the planetary gear trains. **SOLUTION:** In an automatic transmission for housing a torque converter 2 and a transmission 3 arranged on the output side in a housing 4, the transmission 3 is composed of first to third planetary gear trains 21 to 23, first/second clutch devices C1, C2 and first to third brake devices B1 to B3. The first clutch device C1 is interposed between a turbine 14 and a second carrier CA2, and the second clutch device C2 is interposed between the turbine 14, a first carrier CA1 and a second sun gear 52. The first brake device B1 is arranged on a third sun gear S3, the second brake device B2 is arranged on a second carrier CA2, and the third brake device is arranged on a first sun gear S1.

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